

Introduction Better Evidence and UpToDate

2020

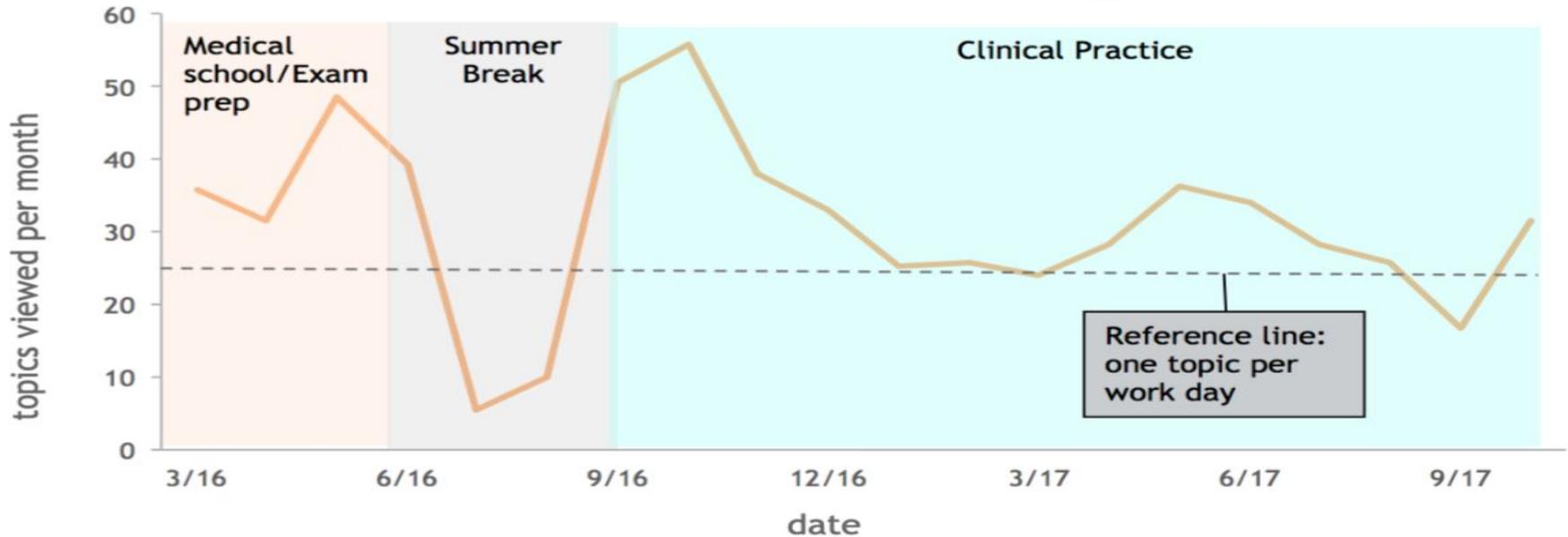
Topics

1. Better Evidence for Training
2. UpToDate
3. How to register for UpToDate
4. How to use UpToDate

The Better Evidence Program started with providers

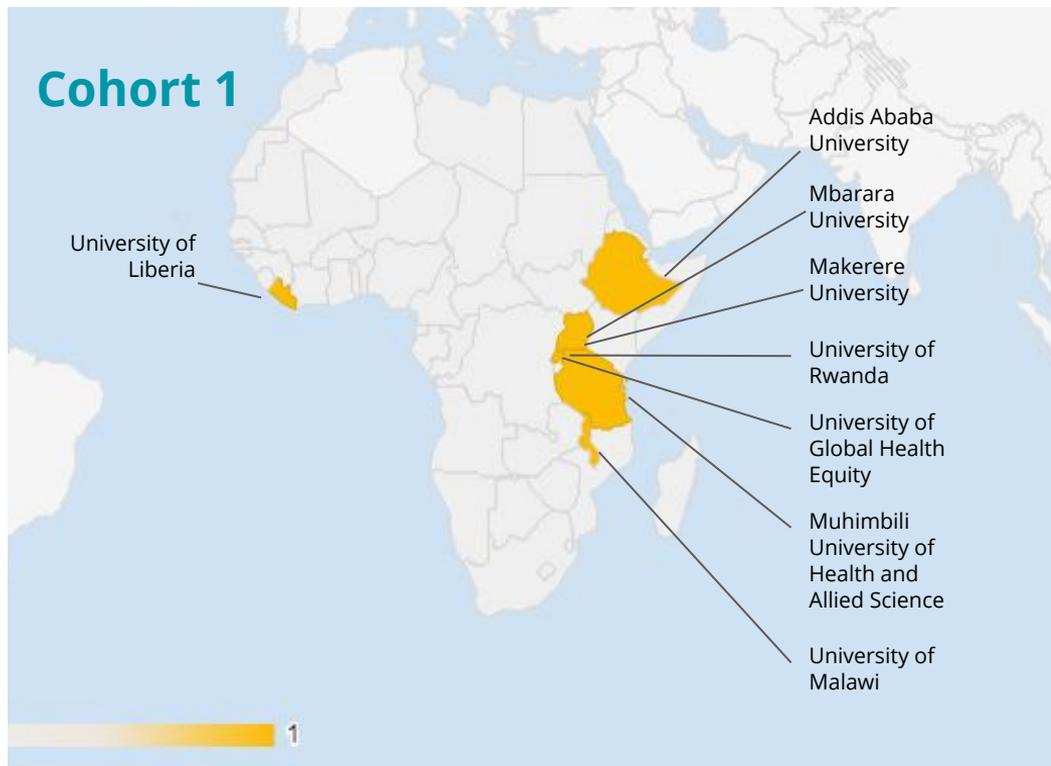
- In 2009, UpToDate partnered with the Better Evidence team to facilitate the donation of UpToDate subscriptions to clinicians.
- The Better Evidence team has since facilitated the donation of more than 30,000 UpToDate subscriptions in more than 150 countries.
- In 2015, UpToDate generously committed to donate 5,600 5-year licenses to study usage at medical schools in Sub-Saharan Africa.
- Two medical schools participated in the study: Muhimbili University of Health and Allied Sciences in Tanzania and the University of Rwanda.

UpToDate looked to be a useful tool for students



- Usage data from the University of Rwanda showed us that medical students were using UpToDate to prepare for exams and subsequently incorporating UpToDate into their clinical practice.

Better Evidence for Training



- Encouraged by the results of the study at the University of Rwanda and Muhimbili University of Health and Allied Science, the Better Evidence for Training Program launched in 2019 at:
 - University of Liberia
 - Addis Ababa University
 - Mbarara University
 - Makerere University
 - University of Rwanda
 - University of Global Health Equity
 - Muhimbili University of Health and Allied Science
 - University of Malawi

The Better Evidence Program



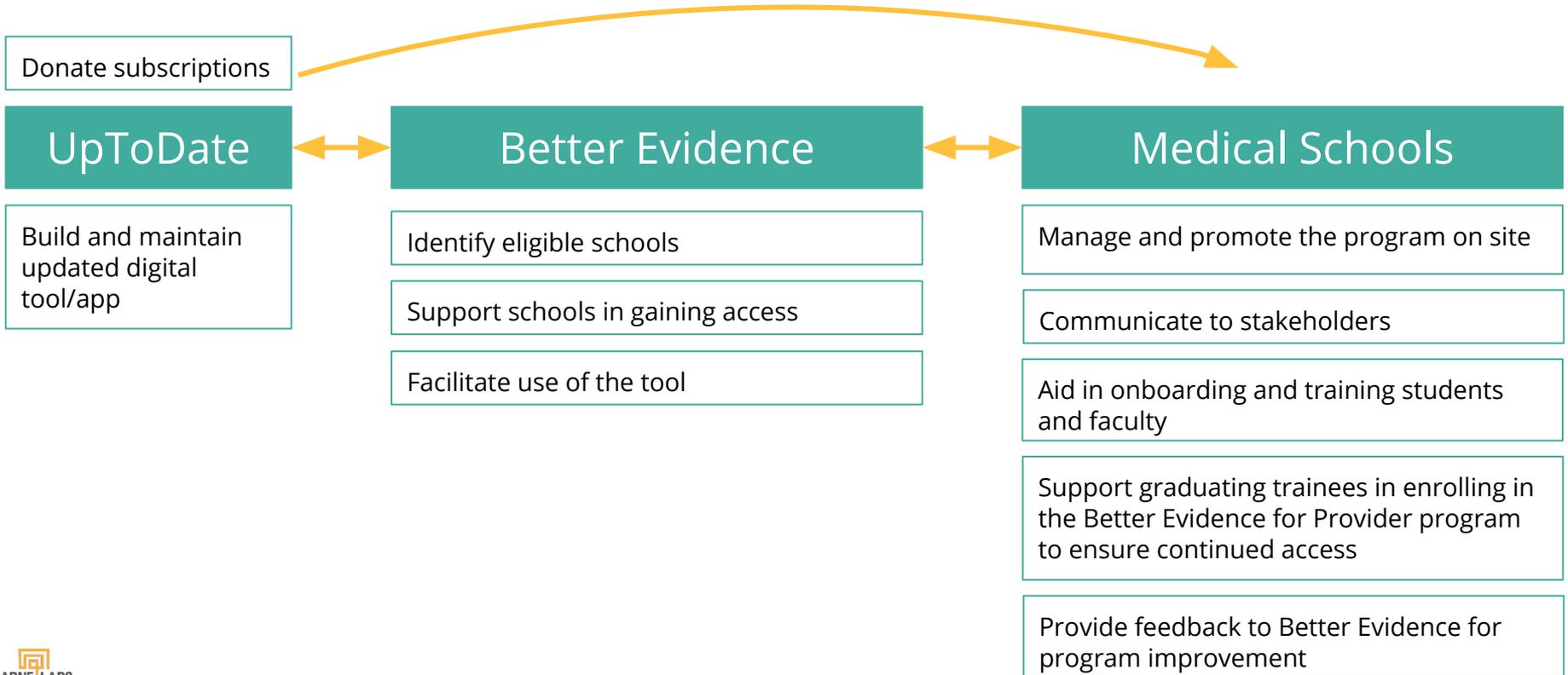
Mission

To enhance access and uptake of the latest clinical evidence among current and future health care providers serving vulnerable populations.

Vision

All providers will routinely access the best available evidence for diagnosis and treatment to provide the best possible care everywhere.

Better Evidence Collaboration Model



What is UpToDate

- UpToDate is a clinical decision support tool authored by 7,100 world-renowned physicians who synthesize the most recent medical information into trusted, evidence-based recommendations accessible via the web or download, on a computer or a smartphone.
- Over 1.9 million clinicians in over 190 countries rely on UpToDate to find the answers to pressing questions.
- Every day, clinicians view topics covering 25 specialties over 1.6 million times.

What is UpToDate?



- UpToDate impacts **300,000 medical decisions** globally every day
- Clinicians report information provided by UpToDate **changes their decision 30%** of the time

Reaching the Next Generation of Providers



“The students and faculty really struggle to access information. The easiest tool they use is Google, and Google gives you too much information, which is mixed up and not really organized. We are excited to access UpToDate because it gives you information in an easy and well-digested manner that you can easily follow. You have the etiology of the disease. You have the epidemiology, and then it describes for you how to manage the patient in a very simple way.”

- Dean Emeritus, Mbarara University of Science and Technology, Uganda

How to Register

- Connect to wifi via registered/university IP address
- Visit www.uptodate.com/online
- Click on “**register**” in the top right corner
- Complete the registration sheet to create a login and password, and click on “**submit**”
- To log in next time, visit the same website and hit “**login,**” use the same login and password
- If you forget your password, click on “forgot username and password” and follow the instructions to reset your information via email



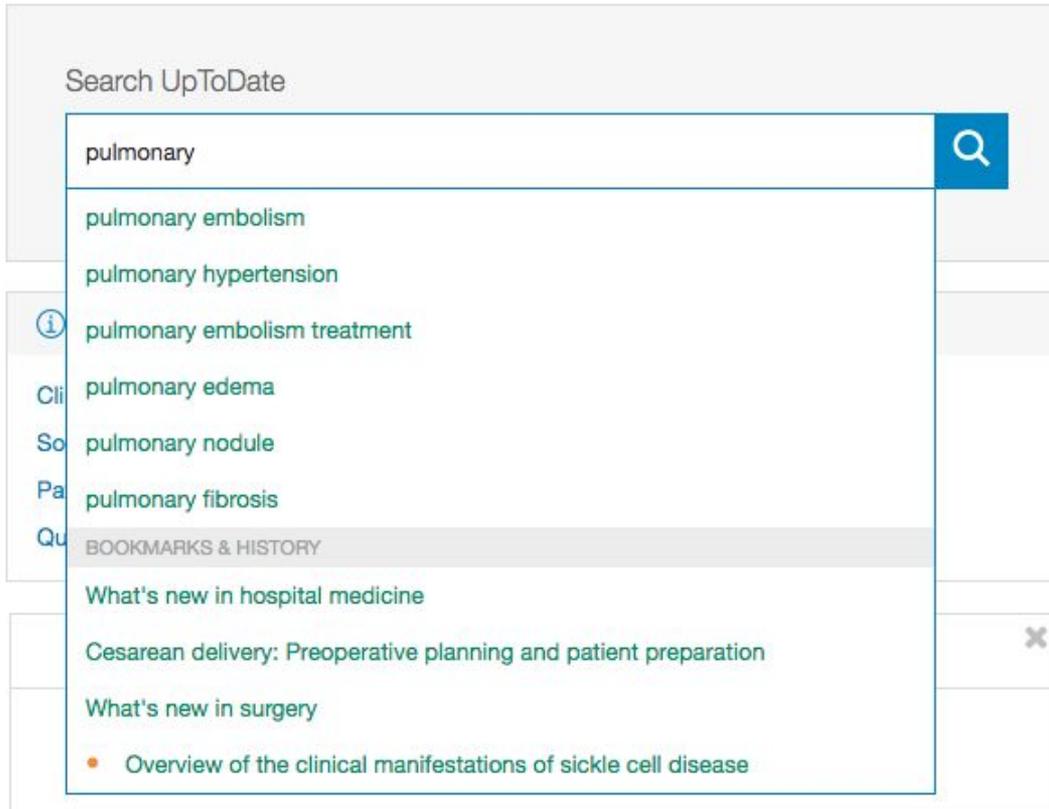
How to use UpToDate - Online at Campus

- Visit www.uptodate.com/online on any computer, tablet, or phone connected your institution's internet and log in
- To keep your **account active**, log in from your institution's network once every 90 days
- If your account gets deactivated because you did not log in within 90 days, **reactivate it by logging in from your institution's network**

How to use UpToDate - Online off Campus

- Visit www.uptodate.com/online on any computer, tablet, or phone connected to the internet or data and log in
- Download the **mobile app** to use UpToDate on your mobile phone or tablet
- To keep your **account active**, log in from your institution's network once every 90 days
- If your account gets deactivated because you did not log in within 90 days, **reactivate it by logging in from your institution's network**

How to Conduct a Search



- In the search bar, search by **disease, symptom, lab abnormality, procedure, or drug**
- UpToDate will suggest search terms
- Click the search button to go to the search results page
- UpToDate also allows for searches in Spanish, French, English, Chinese, Japanese, German, Portuguese, and Italian

Search Page Additional Functions

The screenshot shows the UpToDate search interface. At the top, there are three tabs: 'History', 'Most Viewed' (which is selected and highlighted with a blue bar), and 'Bookmarks'. Below the tabs, a message states: 'This is the UpToDate content that you view the most (up to 10 links)'. A list of search results is displayed, including: 'What's new in infectious diseases', 'Approach to the adult with fever of unknown origin', 'Overview of hypertension in adults', and 'Cesarean delivery: Surgical technique'. Below the search results, the UpToDate logo is visible on the left, and a search box on the right contains the text 'pulmonary embolism'. At the bottom, a blue navigation bar contains the following items: 'Contents' with a dropdown arrow, 'Calculators', and 'Drug Interactions'.

- **What's new?** – provides important topic updates by specialty
- **Bookmarks** – includes pages that you bookmarked
- **Calculators** – links to many calculators that you can use in your clinical practice
- **Practice changing updates** – provides updates for the most recent guidelines, by specialty

UpToDate Search Results Page

UpToDate[®]

pulmonary embolism treatment



Contents ▾

Calculators

Drug Interactions

Showing results for **pulmonary embolism treatment**

All

Adult

Pediatric

Patient

Graphics

Click related term for pulmonary embolism: [venous thromboembolism](#)

Treatment, prognosis, and follow-up of acute pulmonary embolism in adults

... thromboembolism and death can be prevented. The **treatment**, prognosis, and follow-up of patients with **PE** are reviewed here. The epidemiology, pathophysiology, clinical presentation, and diagnosis ...

[Reperfusion therapy](#)

• Topics are displayed by relevance criteria

• To filter a search, select *All*, *Adult*, *Pediatric*, *Patient*, or *Graphics* at the top of the screen under the search bar

- **Adult:** clinical content relevant to adult patients
- **Pediatrics:** clinical content relevant to pediatric patients
- **Patient:** patient-focused resources (i.e. patient education)
- **Graphics:** over 30,000 graphics available, can be exported directly to PowerPoint

Topic Navigation and Functionality

Topic Outline	<
SUMMARY AND RECOMMENDATIONS	
WHAT'S NEW	
INTRODUCTION	
INITIAL APPROACH AND RESUSCITATION	
Assess hemodynamic stability	
• Hemodynamically stable	
• Hemodynamically unstable	
Initial therapies	
• Respiratory support	
• Hemodynamic support	
• Empiric anticoagulation	

Treatment, prognosis, and follow-up of acute pulmonary embolism in adults

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[Contributor Disclosures](#)

All topics are updated as new evidence becomes available and our [peer review process](#) is complete.

Literature review current through: **Mar 2020**. | This topic last updated: **Mar 06, 2020**.

What's New

Clinical impact of pulmonary embolism response teams (December 2019)

Pulmonary embolism response teams (PERT) are being increasingly used, but their clinical impact is u...

[Read more](#) ▾

Topic Navigation and Functionality

[← Back to Search](#)

Topic Outline ←

SUMMARY AND RECOMMENDATIONS

WHAT'S NEW

INTRODUCTION

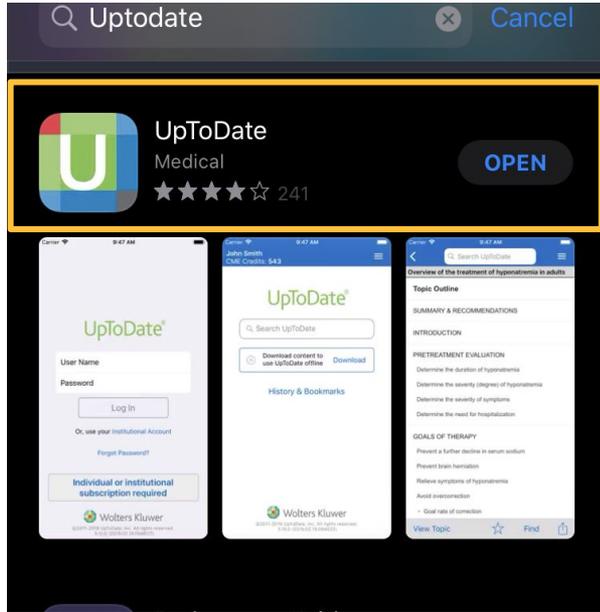
INITIAL APPROACH AND RESUSCITATION

Assess hemodynamic stability

- Hemodynamically stable
- Hemodynamically unstable

- **Topic Outline** – provides a table of contents for the topic; at the bottom, find links to related topics if this search did not yield what you were looking for
- **Search Bar** – use to search within the topic for specifics (i.e. ‘complications’ or the name of a medication)
- **Bookmark** – hit “bookmark” on the top right corner to save the current page
- **Drug Referencing** – clicking on the drug name within the search result brings up that drug's Lexicomp page, which describes dosing, contraindications, drug interactions, etc.
- **References** – clicking on an in-text citation brings up the full reference and abstract, which you can then access through HINARI to read more about the topic

How to Download the Mobile App

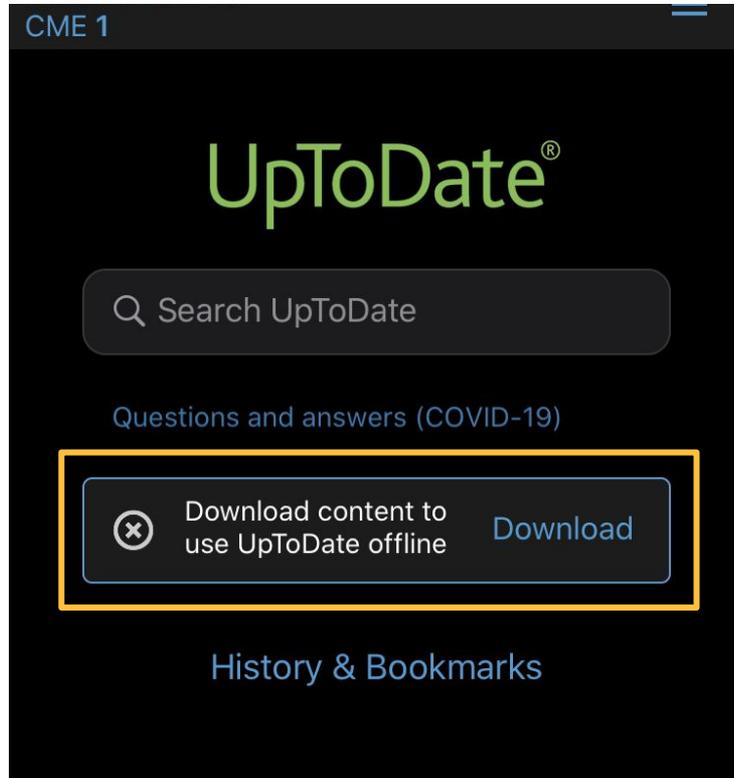


- In the Google Play, Amazon for Android or Apple App store, search “UpToDate”
- Download the UpToDate App
- All subscriptions come with the option to download UpToDate content for use offline through the app, called MobileComplete

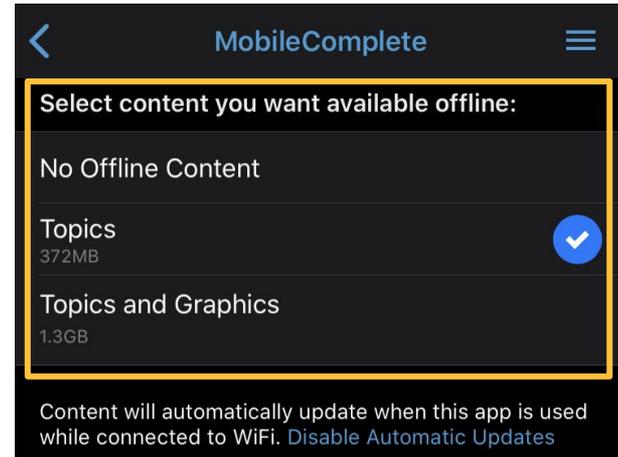


Available at
amazon appstore
for Android

How to use UpToDate - Offline



- Log into the UpToDate Mobile app
- Select “Download content to use UpToDate offline”
- Choose the content you want available offline via MobileComplete





ARIADNE LABS



BRIGHAM AND
WOMEN'S HOSPITAL



HARVARD T.H. CHAN
SCHOOL OF PUBLIC HEALTH